



04 May 2012

Cynthia Gano
Cal Trans - District 8
464 W. 4th St., 6th Floor
San Bernardino, CA 92401-1400

RE:Desert Oasis

Work Order No.: 1205042

Attached are the results of the analyses for samples received by the laboratory on 05/02/12 16:30.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report.
If you require any additional retaining time, please advise us.

Sincerely,

Richard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS),
Environmental Laboratory Accreditation Program (ELAP) No. 2320.



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Project: Desert Oasis
Project Number: Desert Oasis
Project Manager: Cynthia Gano

Reported:
05/04/12 09:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Eastbound Hose Bib #1	1205042-01	Water	05/02/12 11:30	05/02/12 16:30
Westbound Hose Bib #4	1205042-02	Water	05/02/12 11:25	05/02/12 16:30
Raw Water	1205042-03	Water	05/02/12 11:33	05/02/12 16:30
Treated Water	1205042-04	Water	05/02/12 11:25	05/02/12 16:30

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, and accompanied by chain of custody documentation.
PRESERVATION: Samples requiring preservation were verified prior to sample preparation and analysis.
HOLDING TIMES: All holding times were met, unless otherwise noted in the report with data qualifiers.
QA/QC CRITERIA: All quality objective criteria were met, except as noted in the report with data qualifiers.

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Microbiological Parameters by APHA Standard Methods
Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eastbound Hose Bib #1 (1205042-01) Water Sampled: 05/02/12 11:30 Received: 05/02/12 16:30									
Total Coliforms	Absent		P/A	1	B2E0211	05/02/12	05/02/12 17:15	SM 9223B	
Westbound Hose Bib #4 (1205042-02) Water Sampled: 05/02/12 11:25 Received: 05/02/12 16:30									
Total Coliforms	Absent		P/A	1	B2E0211	05/02/12	05/02/12 17:15	SM 9223B	
Raw Water (1205042-03) Water Sampled: 05/02/12 11:33 Received: 05/02/12 16:30									
Total Coliforms	Absent		P/A	1	B2E0211	05/02/12	05/02/12 17:15	SM 9223B	

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Physical/Conventional Chemistry Parameters by Field Test Kits

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Eastbound Hose Bib #1 (1205042-01) Water	Sampled: 05/02/12 11:30	Received: 05/02/12 16:30								
Chlorine Residual	0.610	0.100	mg/L	1	B2E0211	05/02/12	05/02/12 17:15	Test Kit		
Westbound Hose Bib #4 (1205042-02) Water	Sampled: 05/02/12 11:25	Received: 05/02/12 16:30								
Chlorine Residual	0.820	0.100	mg/L	1	B2E0211	05/02/12	05/02/12 17:15	Test Kit		

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Metals by EPA 200 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Treated Water (1205042-04) Water Sampled: 05/02/12 11:25 Received: 05/02/12 16:30										
Arsenic	120	6.0	µg/L	1	B2E0309	05/03/12	05/03/12 15:01	EPA 200.8		

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Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2E0309 - EPA 200 Series

Blank (B2E0309-BLK1)

Prepared & Analyzed: 05/03/12

Arsenic	ND	6.0	µg/L
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LCS (B2E0309-BS1)

Prepared & Analyzed: 05/03/12

Arsenic	48.9	6.0	µg/L	50.0	97.8	85-115
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Matrix Spike (B2E0309-MS1)

Source: 1204332-03

Prepared & Analyzed: 05/03/12

Arsenic	54.1	6.0	µg/L	50.0	3.9	100	70-130
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Matrix Spike Dup (B2E0309-MSD1)

Source: 1204332-03

Prepared & Analyzed: 05/03/12

Arsenic	54.8	6.0	µg/L	50.0	3.9	102	70-130	1.29	30
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Notes and Definitions

_A Absent
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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